

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 641 | 422/198,188,189,190.ccls. and (reform\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/12/15 14:45 |
| L2 | 378 | 1 and (burner heater combustor) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/12/15 14:45 |
| L3 | 412 | 1 and (plate sheet layer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/12/15 14:45 |
| L4 | 281 | 48/61.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/12/15 14:46 |
| L5 | 30 | 165/166.ccls. and reform\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/12/15 14:46 |
| S1 | 55 | koga.in. and reform\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/12/15 14:44 |
| S2 | 8 | ("2730434" "3528783" "4182795" "4365007" "4504447" "4618543" "4838897" "5015444").PN. | USPAT | OR | ON | 2003/12/29 18:02 |
| S3 | 18 | ("1691903" "2127561" "4430304" "4504447" "4540045" "4619317" "4659634" "4692322" "4729931" "4737161" "4781241" "4789540" "4812373" "4840783" "4865624" "4877693" "4933242" "4946667").PN. | USPAT | OR | ON | 2003/12/29 18:03 |
| S4 | 13 | "5209906".URPN. | USPAT | OR | ON | 2003/12/29 18:03 |
| S5 | 86 | 429/19.ccls. and plate and (reform\$ same combust\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/30 18:16 |
| S6 | 914 | "422"/\$.ccls. and (reform\$ and combust\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/30 18:17 |

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| S7 | 223 | "422"/\$.ccls. and (plate with reform\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/30 18:17 |
| S8 | 773 | ("422"/\$.ccls. and (reform\$ and combust\$)) not ("422"/\$.ccls. and (plate with reform\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/30 18:17 |
| S9 | 249 | ((("422"/\$.ccls. and (reform\$ and combust\$)) not ("422"/\$.ccls. and (plate with reform\$))) and plate | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/30 18:26 |
| S10 | 4 | ("2343560" "2701185" "2876079" "3871838").PN. | USPAT | OR | ON | 2003/12/30 18:19 |
| S11 | 13 | "3996025".URPN. | USPAT | OR | ON | 2003/12/30 18:19 |
| S12 | 1448 | plate adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/30 18:26 |
| S13 | 209 | (plate adj reactor) and ("422"/\$.ccls. "423"/\$.ccls. "48"/\$.ccls. "429"/\$.ccls. "165"/\$.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/30 18:34 |
| S14 | 140 | 165/166-167.ccls. and (cataly\$ reaction react\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/30 18:34 |
| S15 | 5 | ("5271916" "5316747" "5456889" "5518705" "5874051").PN. | USPAT | OR | ON | 2003/12/30 18:43 |
| S16 | 9 | ("3761536" "4101287" "4337170" "5036037" "5037619" "5130106" "5225575" "5405586" "5525311").PN. | USPAT | OR | ON | 2003/12/30 18:45 |
| S17 | 19 | ("3823457" "3856270" "3912003" "4301863" "4373579" "4386505" "4392362" "4401155" "5016707" "5270127" "5275235" "5455401" "5534328" "5611214" "5620616" "5658537" "5690763" "5811062" "5836383").PN. | USPAT | OR | ON | 2003/12/30 18:46 |
| S18 | 12 | "3823457".URPN. | USPAT | OR | ON | 2003/12/30 18:47 |
| S19 | 38 | "4516632".URPN. | USPAT | OR | ON | 2003/12/30 18:48 |

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| S20 | 741 | combust\$ same reform\$ same (plate sheet layer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 12:02 |
| S21 | 517 | (combust\$ same reform\$ same (plate sheet layer)) and @py<="2000" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 14:50 |
| S22 | 2 | jp-62160135-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 14:50 |
| S23 | 1 | 1987-238094.NRAN. | DERWENT | OR | OFF | 2003/12/31 14:51 |
| S24 | 0 | reforming adj catalyst with superalloy | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 15:53 |
| S25 | 0 | reforming with catalyst with superalloy | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 15:54 |
| S26 | 1 | reforming with catalyst with super with alloy | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 15:54 |
| S27 | 8628 | gamma adj alumina | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 15:54 |
| S28 | 126 | gamma adj alumina with reforming with catalyst | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 15:58 |
| S29 | 62 | gamma adj alumina with combustion with catalyst | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 16:01 |
| S30 | 25 | (gamma adj alumina) same (combustion adj catalyst) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 16:02 |
| S31 | 126 | (gamma adj alumina) and (combustion adj catalyst) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 16:06 |
| S32 | 7360 | superalloy | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 16:06 |

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| S33 | 251 | superalloy and catalyst | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 16:14 |
| S34 | 3 | superalloy same catalyst same carrier | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 16:15 |
| S35 | 55 | koga.in. and reform\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 16:15 |
| S36 | 10 | ("0441781" "3779015" "3910042" "4017953" "4353208" "4582044" "4867949" "4912928" "5069276" "5118477").PN. | USPAT | OR | ON | 2003/12/31 18:39 |
| S37 | 2 | jp-04310229-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/12/31 18:54 |
| S38 | 5 | ("5271916" "5316747" "5456889" "5518705" "5874051").PN. | USPAT | OR | ON | 2004/01/12 11:38 |
| S39 | 4 | "6132689".URPN. | USPAT | OR | ON | 2004/01/12 11:38 |
| S40 | 2 | "5141823".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 14:04 |
| S41 | 290 | 165/164-167.ccls. and (crossflow (cross adj flow)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 14:47 |
| S42 | 34 | (165/164-167.ccls. and (crossflow (cross adj flow))) and react\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 14:06 |
| S43 | 3 | ("2937856" "4230179" "4307779").PN. | USPAT | OR | ON | 2004/01/12 14:37 |
| S44 | 13 | "2937856".URPN. | USPAT | OR | ON | 2004/01/12 14:42 |
| S45 | 406 | 165/66.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 14:47 |
| S46 | 67 | 165/66.ccls. and plate | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 14:58 |

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| S47 | 881 | 422/198-208.ccls. and plate | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 15:40 |
| S48 | 4 | ("2281754" "3661203" "4308915" "4378837").PN. | USPAT | OR | ON | 2004/01/12 15:02 |
| S49 | 9 | "4442886".URPN. | USPAT | OR | ON | 2004/01/12 15:02 |
| S50 | 9 | "4442886".URPN. | USPAT | OR | ON | 2004/01/12 15:08 |
| S51 | 4 | ("2281754" "3661203" "4308915" "4378837").PN. | USPAT | OR | ON | 2004/01/12 15:08 |
| S52 | 5 | ("1662870" "3228465" "3231017" "3823457" "4434845").PN. | USPAT | OR | ON | 2004/01/12 15:13 |
| S53 | 23 | "1662870".URPN. | USPAT | OR | ON | 2004/01/12 15:15 |
| S54 | 38 | ("0691786" "0749325" "1799081" "1815938" "2418191" "2687876" "2806676" "2812165" "3313343" "3430694" "3528496" "3570593" "3731736" "3734177" "3907028" "3983935" "4149591" "4171722" "4206746" "4228849" "4232821" "4249597" "4282927" "4298059" "4306618" "4354551" "4377201" "4402361" "4451960" "4577683" "4579163" "4588659" "4624305" "4646822" "4653575" "4653581" "4676305" "4729428").PN. | USPAT | OR | ON | 2004/01/12 15:26 |
| S55 | 5 | ("1825498" "2033402" "3224842" "3666007" "4051898").PN. | USPAT | OR | ON | 2004/01/12 15:29 |
| S56 | 19 | "4377201".URPN. | USPAT | OR | ON | 2004/01/12 15:30 |
| S57 | 1387 | "422"/\$.ccls. and (plate with reactor) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 15:41 |
| S58 | 213 | ("422"/\$.ccls. and (plate with reactor)) and (crossflow (cross adj flow) counterflow (counter adj flow) countercurrent (counter adj current)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 15:45 |
| S59 | 887 | "422"/\$.ccls. and (plate with frame) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 15:47 |

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| S60 | 434 | ("422"/\$.ccls. and (plate with frame)) and heat | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 15:59 |
| S61 | 7 | 422/191.ccls. and crossflow | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 15:59 |
| S62 | 6 | 422/198.ccls. and crossflow | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 16:01 |
| S63 | 0 | 422/204.ccls. and crossflow | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 16:01 |
| S64 | 73 | "422"/\$.ccls. and crossflow and plate | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 16:08 |
| S65 | 271 | 429/19.ccls. and plate | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 16:08 |
| S66 | 466 | 429/19.ccls. and reform\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 16:08 |
| S67 | 305 | (429/19.ccls. and reform\$) and combust\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/01/12 16:09 |
| S71 | 1123 | "422"/\$.ccls. and (reform\$ and combust\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/12/15 13:03 |